

PROGRAM*

SPRING, 1938, CONVENTION, WASHINGTON, D. C.

WARDMAN PARK HOTEL

MONDAY, APRIL 25th

- 10:00 a. m. Business and General Session; S. K. Wolf, *Chairman*.**
Opening Remarks by S. K. Wolf, *President*.
Report of the Convention Committee; W. C. Kunzmann, *Convention Vice-President*.
Report of the Membership Committee; E. R. Geib, *Chairman*.
Report of the Papers Committee; G. E. Matthews, *Chairman*.
Society Business.
"Progress in the Motion Picture Industry;" Report of the Progress Committee; J. G. Frayne, *Chairman*.
"Problems Involved in Full-Color Reproduction of Growing Chick Embryo;" E. S. Phillips, Cornell University, Ithaca, N. Y. (*Demonstration*.)
"Sound Stages and Their Relationship to Air-Conditioning;" L. L. Lewis and C. M. Wert, Carrier Corp., Syracuse, N. Y.
"Documentary Film Study—a Supplementary Aid to Public Relations;" A. A. Mercey, School of Public Affairs of American University, Washington, D. C.
- 12:30 p. m. Informal Luncheon.**
For members, their families, and guests.
Addresses by:
Hon. Daniel C. Roper, Secretary of Commerce.
Hon. Clarence F. Lea, Congressman from California.
Col. Daniel I. Sultan, Engineer Commissioner for the District of Columbia.
- 2:00 p. m. Photographic and Laboratory Session; J. I. Crabtree, *Chairman*.**
"The Determination of Correct Exposure in Photography;" L. A. Jones, Eastman Kodak Co., Rochester, N. Y.
"Latent Image Theory and Its Application to Low-Intensity Photographic Exposure;" W. J. Albersheim, Electrical Research Products, Inc., New York, N. Y.
"Some Studies in Monochrome Images;" K. Famulener, Afga Ansco Corp., Binghamton, N. Y. (*Demonstration*.)
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* As actually followed at the sessions.

- "Solution Agitation by Means of Compressed Air;" C. E. Ives and C. J. Kunz, Eastman Kodak Co., Rochester, N. Y.
- "Effect of Aeration on the Photographic Properties of Developers;" J. I. Crabtree and C. H. Schwingel, Eastman Kodak Co., Rochester, N. Y.
- "Maintenance of a Developer by Continuous Replenishment;" R. M. Evans, Eastman Kodak Co., Rochester, N. Y.
- "The Influence of pH on the Washing of Processed Films;" S. E. Sheppard and R. C. Houck, Eastman Kodak Co., Rochester, N. Y.
- "A New Densitometer;" H. Neumann, Klangfilm G. m. b. H., Berlin, Germany.

8:00 p. m. Lecture and Motion Pictures; S. K. Wolf, *Chairman*.

- "The Transmission of Motion Pictures over a Coaxial Cable;" H. E. Ives, Bell Telephone Labs., Inc., New York, N. Y.
- Showing of recent motion pictures.

TUESDAY, APRIL 26th

9:30 a. m. Color Session; A. C. Hardy, *Chairman*.

- "The Inter-Relationship of the Various Aspects of Color;" L. A. Jones, Eastman Kodak Co., Rochester, N. Y.
- "The Fundamentals of Color Measurement;" D. L. MacAdam, Eastman Kodak Co., Rochester, N. Y. (*Demonstration*.)
- "The Theory of Color Reproduction;" A. C. Hardy, Massachusetts Institute of Technology, Cambridge, Mass.
- "Screen-Film Negative-Positive Process;" T. T. Baker, Dufaycolor, Inc., New York, N. Y. (*Demonstration*.)
- "The Multiplane Crane for Animation Photography;" W. E. Garity, Walt Disney Productions, Inc., Hollywood, Calif. (*Demonstration*.)

2:00 p. m. Sound Session; A. N. Goldsmith, *Chairman*.

- "An Ultraviolet Push-Pull Recording Optical System for Newsreel Cameras;" G. L. Dimmick and L. T. Sachtleben, RCA Manufacturing Co., Inc., Camden, N. J. (*Demonstration*.)
- "Processing of Ultraviolet Recordings on Panchromatic Films;" J. O. Baker, RCA Manufacturing Co., Inc., Camden, N. J. (*Demonstration*.)
- "A New Sound System;" G. Friedl, Jr., International Projector Corp., New York, N. Y. (*Demonstration*.)
- "Specifications for Design of New Theater Reproducing Equipment"—Report of Standardization Committee of the Research Council of the Academy of Motion Picture Arts and Sciences, Hollywood, Calif.
- Report of the Standards Committee; E. K. Carver, *Chairman*.

"Push-Pull Recording with the Light-Valve;" J. G. Frayne and H. C. Silent, Electrical Research Products, Inc., Hollywood, Calif. (*Demonstration.*)

"Multiple-Channel Recording;" H. G. Tasker, Universal Pictures Corp., Universal City, Calif. (*Demonstration.*)

8:00 p. m. Educational and Industrial Applications of Motion Pictures; N. D. Golden, Chairman.

"The Educational Value and Preparation of U. S. Army Training Films;" Captain R. T. Schlosberg, Signal Corps, U. S. Army, Washington, D. C. (*Demonstration.*)

"New Uses for Instructive Motion Pictures;" H. Roger, Rolab Photo-Science Laboratories, Sandy Hook, Conn. (*Demonstration.*)

"Producing Industrial Films;" J. A. Norling, Loucks & Norling Studios, New York, N. Y. (*Demonstration.*)

"An Industrial Visual Instruction Section;" J. G. T. Gilmour, General Electric Co., Schenectady, N. Y. (*Demonstration.*)

"Photographic Effects in the Feature Production 'Topper';" R. W. Seawright and W. V. Draper, Hal Roach Studios, Culver City, Calif. (*Demonstration.*)

WEDNESDAY, APRIL 27th

9:30 a. m. Optics and Projection Session; L. A. Jones, Chairman.

"A Higher-Efficiency Condensing System for Motion Picture Projectors;" F. E. Carlson, General Electric Co., Cleveland, Ohio.

"The Water-Cooled Quartz Mercury Lamps;" E. B. Noel and R. E. Farnham, General Electric Co., Cleveland, Ohio.

"Theory vs. Practice;" F. H. Richardson, Quigley Publishing Co., New York, N. Y.

Report of the Exchange Practice Committee; A. W. Schwalberg, *Chairman.*

Report of the Projection Practice Committee; H. Rubin, *Chairman.*

"A Consideration of the Screen Brightness Problem;" O. Reeb, Osram G. m. b. H., Berlin, Germany.

"Wide-Screen Projection at the 1937 Paris International Exposition;" H. Griffin, International Projector Corp., New York, N. Y.

"Good Tools Pay for Themselves;" J. R. Prater, Congress Theater, Palouse, Washington.

"A Technic for Testing Photographic Lenses;" W. C. Miller, Paramount Productions, Inc., Hollywood, Calif.

2:00 p. m. 16-Mm. Symposium; H. Griffin, Chairman.

"Some Unusual Adaptations of 16-Mm. Equipment for Special Purposes;" J. L. Boon, Eastman Kodak Co., Rochester, N. Y.

"A New 16-Mm. Projector;" H. C. Wellman, Eastman Kodak Co., Rochester, N. Y.

"The Shrinkage of Acetate-Base Motion Picture Films;" J. A. Maurer and W. Bach, The Berndt-Maurer Corp., New York, N. Y.

"A Criticism of the Proposed Standard for 16-Mm. Sound-on-Film;" J. A. Maurer and W. H. Offenhauser, Jr., The Berndt-Maurer Corp., New York, N. Y. (*Demonstration.*)

"A Continuous Optical Reduction Sound Printer;" M. G. Townsley and J. G. Zuber, Bell & Howell Co., Chicago, Ill.

3:30 p. m. Apparatus Symposium and Manufacturers' Announcements; E. A. Williford, *Chairman.*

"An Automatic Camera Timer for Time-Lapse Cinematography;" H. Roger, Rolab Photo-Science Laboratories, Sandy Hook, Conn.

"A Basically New Framing Device for 35-Mm. Projectors;" H. A. DeVry, Herman A. DeVry Corp., Chicago, Ill.

"A Film Cement Pen;" R. J. Fisher, Rochester, N. Y.

"New Piezoelectric Devices of Interest to the Motion Picture Industry;" A. L. Williams, Brush Development Co., Cleveland, Ohio.

"Characteristics of Supreme Panchromatic Negative;" A. W. Cook, Agfa Ansco Corp., Binghamton, N. Y.

"A New Indicator for Sound-Level Measurements;" S. K. Wolf and S. J. Begun, Acoustic Consultants, Inc., New York, N. Y. (*Demonstration.*)

"New Background Projector for Process Cinematography;" G. H. Worrall, Mitchell Camera Corp., Hollywood, Calif.

"A Roller Developing Rack with Stationary Drive;" C. E. Ives, Eastman Kodak Co., Rochester, N. Y.

"A New Projector Mechanism;" H. Griffin, International Projector Corp., New York, N. Y.

"A Device to Promote Safety in Motion Picture Projection Rooms and Auditoriums;" E. R. Morin, Department of State Police, Hartford, Conn.

"The Resonoscope;" S. K. Wolf and L. B. Holmes, Acoustic Consultants, Inc., New York, N. Y.

7:30 p. m. Semi-Annual Banquet.

Address: "Research—the Yeast of Business;" by Dr. C. E. Kenneth Mees, Vice-President in Charge of Research and Development, Eastman Kodak Co., Rochester, N. Y.

Entertainment and dancing.

THURSDAY, APRIL 28th

10:00 a. m. Sound Session; J. G. Frayne, *Chairman.*

"A Study of the Processing Conditions for Variable-Width Sound Recordings on High-Resolution Films;" J. O. Baker, RCA Manufacturing Co., Inc., Camden, N. J. (*Demonstration.*)

- "Sound Recording by Color Modulation (Van Leer System);" A. L. Williams, Brush Development Co., Cleveland, Ohio. (*Demonstration.*)
- "Tracing-Distortion in Sound Reproduction from Phonograph Records;" J. A. Pierce and F. V. Hunt, Cruft Laboratory, Harvard University, Cambridge, Mass.
- "Application of Non-Linear Volume Characteristics to Sound Recording;" J. O. Aalberg and J. G. Stewart, RKO Radio Studios, Inc., Los Angeles, Calif.
- "Silent Gasoline Engine Propelled Apparatus;" J. E. Robbins, Paramount Pictures, Inc., Hollywood, Calif.
- "Variable-Matte Control (Squeeze-Track) for Variable-Density Recording;" G. R. Crane, Electrical Research Products, Inc., Hollywood, Calif. (*Demonstration.*)

2:00 p. m. Sound Sessions; S. K. Wolf, *Chairman.*

- "A Method for Determining the Scanning Loss in Sound Optical Systems;" E. D. Cook, General Electric Co., Schenectady, N. Y., and V. C. Hall, Eastman Kodak Co., Rochester, N. Y.
- "An Optical System for the Reproduction of Sound from 35-Mm. Film;" J. H. McLeod and F. E. Altman, Eastman Kodak Co., Rochester, N. Y.
- Report of the Committee on Preservation of Film; J. G. Bradley, *Chairman.*
- "Electrical Networks for Sound Recording;" F. L. Hopper, Electrical Research Products, Inc., Hollywood, Calif.
- "The Application of Electrical Networks to Sound Recording and Reproducing;" H. R. Kimball, Metro-Goldwyn-Mayer Pictures, Culver City, Calif.
- "Permanent-Magnet Four-Ribbon Light-Valve for Portable Push-Pull Recording;" E. C. Manderfeld, Electrical Research Products, Inc., Hollywood, Calif.
- "Overload Limiters for the Protection of Modulating Devices;" R. R. Scoville, Electrical Research Products, Inc., Hollywood, Calif.
- "The Philips-Miller Method of Sound Recording;" R. Vermeulen, Philips Gloeilampenfabrieken, Eindhoven, Holland.